

SEP 03 2002

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
16159.093001; P5941

In Re Application Of: David S. ALLISON

Serial No.
09/977,513

Filing Date
10/12/2001

Examiner

Group Art Unit
2122

Title: **METHOD AND APPARATUS FOR DETERMINING RUNTIME SIZE AND TYPE INFORMATION IN DYNAMICALLY TYPED LANGUAGES**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

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in the above identified application.

- ☒ No additional fee is required.
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- ☐ Charge the amount of _____
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Dated: 8/29/02

Jonathan P. Osha, Reg. No. 33,986
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I certify that this document and fee is being deposited on August 29, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Brenda C. McFadden
Signature of Person Mailing Correspondence

Brenda C. McFadden

Typed or Printed Name of Person Mailing Correspondence

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32615

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant: SUN MICROSYSTEMS, INC.
Address of Applicant: 4150 Network Circle
Santa Clara, CA 95054

Assistant Commissioner for Patents
Washington, D.C. 20231

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**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the assignee of the eleven patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the eleven patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the eleven patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the eleven patent applications listed on the attached APPENDIX A to:

Jonathan P. Osha
ROSENTHAL & OSHA L.L.P.
1221 McKinney Street, Suite 2800
Houston, Texas 77010
Telephone No.: (713) 228-8600
Facsimile No.: (713) 228-8778

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title, and interest in the eleven patent applications listed on the attached APPENDIX A by virtue of a chain of title from the inventors

of the eleven patent applications listed on the attached APPENDIX A to the above-identified assignee.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the eleven patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated:

August 8, 2002

Name:

Kenneth Olsen

Title:

Vice President

Intellectual Property Law

Sun Microsystems, Inc.

APPENDIX A

1. Utility Patent Application No. 09/977,507

Applicant(s): David S. Allison

Title: Stream Operator In A Dynamically Typed Programming Language

Filing Date: October 12, 2001

Reel/Frame: 012266/0693

2. Utility Patent Application No. 09/977,508

Applicant(s): David S. Allison

Title: Method And Apparatus for Extending A Program Element In A Dynamically
Typed Programming Language

Filing Date: October 12, 2001

Reel/Frame: 012268/0260

3. Utility Patent Application No. 09/977,512

Applicant(s): David S. Allison

Title: A Method And Apparatus For Runtime Binding Of Object Members

Filing Date: October 12, 2001

Reel/Frame: 012268/0172

4. Utility Patent Application No. 09/977,513

Applicant(s): David S. Allison

**Title: Method And Apparatus For Determining Runtime Size And Type Information
In Dynamically Typed Languages**

Filing Date: October 12, 2001

Reel/Frame: 012266/0661

5. Utility Patent Application No. 09/977,516

Applicant(s): David S. Allison

**Title: Method And Apparatus For Unifying The Semantics Of Functions And Classes
In A Programming Language**

Filing Date: October 12, 2001

Reel/Frame: 012268/0198

6. Utility Patent Application No. 09/977,521

Applicant(s): David S. Allison

**Title: Method And Apparatus For Providing An Iteration Operator For An
Object Instance In A Dynamically Typed Language**

Filing Date: October 12, 2001

Reel/Frame: 012268/0273

7. Utility Patent Application No. 09/977,526

Applicant(s): David S. Allison

**Title: Method And Apparatus For Dynamic Configuration Of A Lexical
Analysis Parser**

Filing Date: October 12, 2001

Reel/Frame: 012268/0154

8. Utility Patent Application No. 09/977,527

Applicant(s): David S. Allison

Title: Method And Apparatus For Statement Boundary Detection

Filing Date: October 12, 2001

Reel/Frame: 012268/0152

9. Utility Patent Application No. 09/977,715

Applicant(s): David S. Allison

**Title: Method And Apparatus For Communication To Threads Of Control Through
Streams**

Filing Date: October 12, 2001

Reel/Frame: 012267/0435

10. Utility Patent Application No. 09/977,717

Applicant(s): David S. Allison

**Title: Method And Apparatus For Deriving Functions From Other Functions In A
Programming Language**

Filing Date: October 12, 2001

Reel/Frame: 012267/0444

11. Utility Patent Application No. 10/016,806

Applicant(s): Nyles I. Nettleton

Title: Nested Carbon Nanotubes As An Inter-Module Interface

Filing Date: October 30, 2001

Reel/Frame: 012386/0963